#PA3 Report

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1. Method: Kruskal’s algorithm
2. Findings:
3. Undirected graph: implement Kruskal’s Algorithm with an matrix storing whether the path from i to j is already satisfied.
4. Directed graph: similar with the undirected path, but change the concept to check whether there’s a path is satisfied from j to i, then path i to j shouldn’t be selected.
5. Union function take a important role in my code.
6. Reference:
7. <https://www.geeksforgeeks.org/kruskals-algorithm-simple-implementation-for-adjacency-matrix/>
8. My quicksort code in pa1